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U.S. PATENT
COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

PATENT

Docket No. D-440

Commissioner of Patents and Trademarks
Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Randal K. Douglas and Anthony S. Abbott

For (title): Spread Spectrum Receiver Kalman Filter Residual
Estimator Method

J1033 U.S. PTO
09/26/01
09/26/01

1. Type of Application

This new application is an ORIGINAL application.

2. Benefit of Prior U.S. Application(s) (35 USC 120) - No

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date September 26, 2001 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number ET225937ISSUS addressed to the: Commissioner of Patents and Trademarks, Washington, D.C. 20231

Carole A. Mulchinski
(Type or print name of person mailing paper)
Carole A. Mulchinski
(Signature of person mailing paper)

(Application Transmittal [4-1]--page 1 of 4)

**3. Papers Enclosed Which Are Required for Filing Date Under 37 CFR 1.53(b) (Regular) or
37 CFR 1.153 (Design) Application**

32 Pages of specification
11 Pages of claims
1 Pages of Abstract
4 Sheets of drawing

/ / informal
/ / in triplicate

4. Additional papers enclosed

/ / Preliminary Amendment
/ / Information Disclosure Statement
/ / Form PTO-1449
/ /

5. Declaration or oath executed by INVENTOR(S)

/X / Enclosed

6. Inventorship Statement

The inventorship for all the claims in this application is THE SAME.

7. Language: ENGLISH

8. Assignment

/X / An assignment of the invention to The Aerospace Corporation
P. O. Box 92957 (M1/040), Los Angeles, CA 90009-2957

/X / is attached
/ / will follow

9. Certified Copy

Certified copy(ies) of application(s) X are not applicable are
attached will follow.

(Application Transmittal [4-1]-- page 2 of 4)

10.

Fee Calculation

Regular application

CLAIMS AS FILED

Number Filed	Number Extra	Rate	Basic Fee
			\$710.00
<u>Total Claims</u>	- 16 -20= 0	X \$ 9.00	
<u>Independent Claims</u>	- 3 -3= 0	X \$ 40.00	00.00
<u>Multiple dependent claim(s), if any</u>			\$270.00

Amendment cancelling extra claims enclosed

Amendment deleting multiple dependencies enclosed

Fee for extra claims is not being paid at this time

Filing Fee Calculation \$710.00

Small Entity Statement(s)

Applicant claims small entity status.

\$355.00

Fee Payment Being Made At This Time

No filing fee is to be paid at this time. (This and the surcharge required by 37 CFR 1.16(e) can be paid subsequently.)

Enclosed

Basic filing fee \$ 355.00

Recording assignment (\$40.00; 37 CFR 1.21(h)(1)) \$ 40.00

Total fees enclosed \$ 395.00

(Application Transmittal [4-1]--page 3 of 4)

13. **Method of Payment of Fees**

charge Account No. 01-0428 in the amount of \$ 395.00.
A duplicate of this transmittal is attached.

14. **Authorization to Charge Additional Fees**

The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 01-0428.

37 CFR 1.16 (filing fees)

37 CFR 1.16 (presentation of extra claims)

37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

37 CFR 1.17 (application processing fees)

37 CFR 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b)).

Instructions As To Overpayment

credit Account No. 01-0428.

Reg. No.: 32,096


Derrick Michael Reid

Signature of Attorney

Tel. No. (310) 336-6708

Derrick Michael Reid
Type or print name of attorney

THE AEROSPACE CORPORATION
P.O. Box 92957 (M1/040)
Los Angeles, CA 90009-2957

This transmittal ends with this page.

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